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IN THE SPECIFICATION:

Please replace paragraph [0029] beginning on page 11 with the following replacement paragraph.

Installing subsynchronous current detector 20 (shown in Figure 2) proximate to series ~~capacitor bank 16~~ capacitor bank 14 (shown in Figure 1) facilitates identifying subsynchronous currents in a short amount of time. In one embodiment, SCD 20 identifies subsynchronous currents in less than approximately one second which allows an operator to modify capacitor bank 14 or remove series capacitor bank 14 from transmission system 10, thus ameliorating a shaft-line resonant coupling. Further, SCD 20 facilitates detecting appropriate levels of subsynchronous currents which are very low in magnitude compared to a nominal level of normal line frequency. For example, the ratio between the subsynchronous current and the line current at a probable required action level is approximately one part in one thousand. Additionally, SCD 20 provides an output that is compatible with the control and monitoring systems of both series capacitor bank 14 transmission system 10.